

**TABLE 1. General Statistics: 1963 and Earlier Years-continued**

Year	Operating companies (number)	Establishments		All employees		Production, development, and exploration workers			Value added in mining (\$1,000)	Selected expenses				Value of shipments and receipts (\$1,000)	Value of net shipments of primary products (\$1,000)	Capital expenditures (\$1,000)	Horsepower rating of power equipment (1,000)
		Total (number)	With 20 employees or more	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours	Wages (\$1,000)		Supplies, fuels, and purchased electricity (\$1,000)	Minerals received for treatment (\$1,000)	Contract work (\$1,000)	Cost of purchased machinery installed (\$1,000)				
INDUSTRY 1069 - FERROALLOY ORES, N.E.C. - Continued																	
Chromium ores																	
Molybdenum, cobalt, and other ores	(NA)	(NA)	(NA)	217	100	211	(NA)	90	35		(NA)		(NA)	(NA)	70	(X)	(NA)
187Q .....	(NA)	6	(NA)	30	6	30	(NA)	6	26	33	(NA)	2	(NA)	(NA)	30	2	(NA)
1850 (chromium ores subindustry only) ..	(NA)	(NA)	(NA)	187	94	181	(NA)	84	26	4	(NA)	2	(NA)	(NA)	40	(X)	(NA)
	(NA)	5	(NA)	95	16	(NA)	(NA)	(NA)	40	8	(NA)	(NA)	(NA)	(NA)	48	(NA)	(Z)
	(NA)	4	(NA)	47	10	(NA)	(NA)	(NA)	18	6	(NA)	(NA)	(NA)	(NA)	24	(NA)	(NA)

Note: For an explanation of column captions see appendix A. For more detailed historical statistics for these industries see table 1 of the corresponding chapter of the 1954 Census of Mineral Industries, Vol. 1.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (x) Not applicable. (Z) Less than one-half of the unit of measure specified.

For the Bauxite Industry in 1963 represents net shipments of primary products only. For the Bauxite Industry in 1958 and 1954, and for the Manganese Ores Industry and the Tungsten Ores Industry in 1963 and 1938, represents gross shipments and receipts less shipments to treatment plants; for all other industries and subindustries in 1958 and 1954 represents gross shipments and receipts less cost of minerals received from other establishments for treatment. In general, also excludes the value of minerals purchased for resale without further processing. For 1939 and earlier years represents value of net production and receipts.

For bauxite in 1963, 1958, and 1954, and for manganese ores and tungsten ores in 1958, represents gross shipments less shipments to treatment plants; for all other products in 1958 and 1954 represents gross shipments less tonnage of minerals received from other establishments for treatment. For manganese ores in 1963, represents production of crude manganese ores. For bauxite and manganese ores, represents long tons; for tungsten ores and chromium ores, represents short tons. For bauxite, represents dried bauxite equivalent.

Excludes statistics for two nonproducing mines. Figures for these bauxite operations were combined in 1939 with the figures for two nonproducing manganese ores mines and one chromium mine. For the five nonproducing operations combined, employment averaged 21 for that year and principal expenses amounted to \$66 thousand.

Represents number of mines.

Excludes figures for employees at central offices maintained independently of mine offices.

Figures for average employment were converted to a 300-day basis for establishments which operated for a shorter period.

Includes shipments by establishments classified in other industries.

Excludes nonproducing operations for which separate figures are not available, as follows: 1939, 2 mines; 1929, 3 establishments; 1919, 2 establishments; and 1902, 3 mines. It is not clear whether data for nonproducing operations in years prior to 1902 were included in the statistics shown for those years.

Represents the average number employed during the time the mines were active.

All primary products of the Tungsten Ores Industry shipped by establishments classified in that industry were shipped in the form of concentrates. It is presumed that most of the tungsten ores received by plants in the industry for concentration were imported.

Excludes 10 nonproducing establishments for which separate figures are not available.

Includes a small quantity of chromium concentrates shipped by establishments not classified in the Chromium Ores Subindustry.

Excludes data for one nonproducing chromium ores mine. Except for number of operating companies, number of mines, and quantity of product, includes data for one antimony mine.

For 1860, only one establishment was reported in the Chromium Ores Subindustry.

**TABLE 2. General Statistics by Geographic Areas and Type of Operation: 1963 and 1958**

Industry code, industry, geographic area, and type of operation	1963												1958	
	Establishments		All employees		Production, development, and exploration workers			Value added in mining (\$1,000)	Cost of supplies etc., and purchased machinery installed (\$1,000)	Value of shipments and receipts (\$1,000)	Quantity of net shipments of primary products (1,000 long tons)	Capital expenditures (\$1,000)	All employees	Value added in mining (\$1,000)
	Total (number)	With 20 employees or more	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours	Wages (\$1,000)							
1051 BAUXITE TOTAL												269		
GEOGRAPHIC AREAS												193		
West South Central (Arkansas) .....								17,464			1,478	X		15,430
Other regions .....								16,725				76		15,023
TYPE OF OPERATION				3,442			2,285	739						407
	17	4	552	3,151	414	751	2,101	16	4,296	21,491			705	14,395
Mines with treatment plants and	8	4	63	291	368	671	184	16	3,615	147			632	14,395
	9			2,923	46	80	1,921	210	681	1,344			73	1,035
1062 MANGANESE ORES	10	2	456	519	341	608	364	1,254	2,325	18,382	1,478		566	20
1064 and 1069 TUNGSTEN ORES	7	2	96	1,138	73	143	820	2,348	1,971	3,109		116	139	14
AND FERROALLOY ORES, N.E.C.	17	5	224	19,22	180	351	14	64,05	5,266	7,228		386	2,099	54
	41	6	2,878	7	2,447	4,516	411	9	24,862	83,476		5,445	3,339	241

General statistics for some States are not shown separately in this table in order to avoid disclosing figures for individual companies or because of the relatively small size of the statistics. Such States are shown below for 1963, with the number of establishments in each State (and in parentheses the number of employees or employment size range): SIC 1051, Bauxite: Georgia, 5 (18) and Alabama, 4 (45). SIC 1062,

# Manganese Ores: Pennsylvania, 1 (50-99): Virginia

1 (20-49); Arkansas, 3 (0-4); Texas, 2 (20-49); Montana, 4 (56); Colorado, 1 (0-4); New Mexico, 2(20-49); Arizona, 1 (0-4); California, 2 (20-49). SIC 1064 and  
1969: New York, 1 (100-249); North Carolina, 1 (50-99); Texas, 1 (0-4); Montana, 4 (12); Idaho, 2 (0-4); Wyoming, 2 (5-9); Colorado, 7 (2,120); New Mexico,  
2 (20-49); Arizona, 4 (3); Utah, 1 (0-4); Nevada, 3 (10-19); Oregon, 1 (50-99); California, 12 (401).  
For bauxite represents gross shipments less shipments to treatment plants in dried bauxite equivalent; for manganese ores, represents production of crude  
mar.

• Includes data for one nonproducing mine.